

SDMS Doc ID#



* 2 0 7 7 0 6 6 *

2077066



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX**

IN THE MATTER OF:)
)
Ti-Tech International, Inc.)
 a California Corporation) U.S. EPA Docket No. 9-2003-0010
) UNILATERAL ADMINISTRATIVE
Henry Chen,) ORDER FOR THE PERFORMANCE
 an individual) OF A REMOVAL ACTION
)
Edward Chen,)
 an individual)
)
and)
)
Robert Hartman,)
 an individual)
)
Proceeding Under Section 106(a))
of the Comprehensive Environmental)
Response, Compensation, and)
Liability Act of 1980,)
42 U.S.C. § 9606(a).)
_____)

I. AUTHORITY

This Unilateral Administrative Order ("Order") is issued pursuant to the authority vested in the President of the United States by Section 106(a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, 42 U.S.C. § 9606(a), as amended by the Superfund Amendments and Reauthorization Act of 1986, and the Small Business Liability Relief and Brownfields Revitalization Act of 2002 ("CERCLA"). The President delegated this authority to the Administrator of the United States Environmental Protection Agency ("EPA" or "Agency") by Executive Order 12580, January 23, 1987, 52 Fed. Reg. 2923, and further delegated it to the Assistant Administrator for Solid Waste and Emergency Response and the

Regional Administrators by EPA Delegation Nos. 14-14-A and 14-14-B. This authority has been duly redelegated to the Branch Chief, Superfund Division, EPA Region 9 ("Branch Chief"), by delegations dated September 29, 1997, and November 16, 2001.

II. PARTIES BOUND

1. This Order shall apply to and be binding on the following: Ti-Tech International, Inc. ("Ti-Tech"), a California corporation, Henry Chen and Edward Chen (the "Chens"), in their individual and personal capacity, and Robert Hartman ("Hartman"), in his individual and personal capacity. This Order shall be binding on Ti-Tech, the Chens and Hartman, (collectively "Respondents"), and their agents, successors and assigns. No change in ownership or operational status will alter Respondents' obligations under this Order. Notwithstanding the terms of any contract or agreement, Respondents are responsible for compliance with this Order and for ensuring that their employees, contractors, and agents comply with this Order. Respondents shall provide a copy of this Order to all contractors, subcontractors, and consultants that are retained by Respondents to perform the work required by this Order within three (3) days after the Effective Date of this Order or within three (3) days of retaining their services, whichever is later.

2. Respondents may not convey any title, easement, or other interest they may have, in any property comprising the Site, as the term "Site" is defined below, without a provision permitting the continuous implementation of the provisions of this Order. If Respondents wish to transfer any title, easement, or other interest they may have in any property comprising the Site, Respondents shall provide a copy of this Order to any subsequent owner(s) or successor(s) before any ownership rights are transferred. In such case, Respondents shall advise EPA as soon as practical advance of any anticipated transfer of interest.

III. DEFINITIONS

3. Unless otherwise expressly provided herein, the terms used in this Order that are defined in CERCLA or in regulations promulgated under CERCLA shall have the meaning assigned to them in CERCLA or in such regulations. Whenever the terms listed below are used in this Order, or in the exhibits attached hereto and incorporated hereunder, the following definitions shall apply:

“Days” shall mean consecutive calendar days unless expressly stated otherwise.

“Working days” shall mean consecutive calendar days other than a Saturday, Sunday, or federal holiday. In computing any period of time under this Order, where the last day would fall on a Saturday, Sunday, or federal holiday, the period shall run until the close of business of the next working day.

“CERCLA” shall mean the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended by the Superfund Amendments and Reauthorization Act of 1986 and by the Small Business Liability Relief and Brownfields Revitalization Act of 2002, 42 U.S.C. § 9601 et seq.

“Unilateral Order” or “Order” shall mean this Unilateral Administrative Order, EPA docket number 9-2003-0010, and all exhibits attached hereto. In the event of a conflict between this Order and any exhibit, this Order shall control.

“EPA” shall mean the United States Environmental Protection Agency and any successor departments or agencies of the United States.

“National Contingency Plan” or “NCP” shall mean the National Oil and Hazardous Substances Pollution Contingency Plan promulgated pursuant to Section 105 of CERCLA, 42 U.S.C. § 9605, codified at 40 C.F.R. Part 300.

“Paragraph” shall mean a portion of this Order identified by an Arabic numeral.

“Response Action” shall be those specific work items each Respondent is required to perform at the Site pursuant to this Order, as set forth in Section IX of this Order.

“Respondents” shall mean, both individually and collectively, Ti-Tech, the Chens, and Hartman.

“Section” shall mean a portion of this Order identified by a Roman numeral, unless otherwise stated.

“Site” shall mean the former Ti-Tech facility, located at 4000 Valley Boulevard, in Pomona, California, comprised of two lots (Los Angeles County parcels APN-8709-026-011 and APN 8709-026-0161), in addition to any associated personal property, such as motor vehicles and trailers, containers, or any other real property at which hazardous substances exist from the operation of the facility.

“State” shall mean the state of California, and all of its political subdivisions, including the Department of Toxic Substances Control (“DTSC”).

“United States” shall mean the United States of America.

IV. FINDINGS OF FACT

4. Site description

The Site is in a heavy industrial/commercial section of Pomona, California, and operated as a titanium foundry. Within the Site are a parking lot, the foundry structure, a back lot area that includes chemical storage, and an open field. Bordering the Site on the east and west are other industrial use structures; on the north side is the Los Angeles County Spandera Landfill. A storm drain runs south from the Site, and discharges into San Jose Creek, which in turn discharges into the Santa Ana River. The chemical storage area contains: cinder-block

revetments for stockpiling of foundry sand, drums of corrosives and oil; three chemical storage lockers containing lubricants, fuels, laboratory reagents, solvents and corrosives; and large compressed gas cylinders containing liquid propane gas and simple propane. Within the Site there also are: metal processing areas (i.e. sand blasting booths); air pollution control equipment for metal processing operations; a waste water treatment system consisting of several steel and poly tanks within a cinder-block secondary containment; and a chemical milling area consisting of four large steel vats.

5. Site ownership and operation

The real property is owned by Hartman. From 1999 to December 2002, Ti-Tech leased and operated the Site as a titanium foundry. The Chens maintained direct control over the operation of Ti-Tech, including decisions regarding the method or means of hazardous substance transportation, delivery, disposal or abandonment. At the direction of the Chens, Ti-Tech ceased operating and abandoned the Site in April 2002.

6. Release Characteristics

A large quantity of foundry sands are contaminated with heavy metals, are uncovered and potentially migrating from the Site via storm runoff, and wind. A release of elevated levels of nickel in excess of California Hazardous Waste Determining Levels has been traced back to the foundry sand. The chemical milling line contains up to 8,000 gallons of a nitric acid/hydrofluoric acid solution, sludge and possibly contaminated rain water. The waste water treatment system contains sodium hydroxide (approximately 1,000 gallons). Three chemical storage containers contain lubricants, fuels, solvents, corrosives, and laboratory reagents. A laboratory area in the Site contains laboratory reagents, metal salts, corrosives and solvents. More specific detail of materials at the Site and release conditions are stated in the Memorandum

Request for a Time-Critical Removal Action at the Ti-Tech Foundry Site (the “Action Memorandum”), included with this Order as Appendix B.

The materials identified at the Site and listed in Tables 1 and 2 of the Action Memorandum are “hazardous substances,” as defined by Section 101(14) of CERCLA, 42 U.S.C. § 9601(14), by meeting requirements set forth at 40 C.F.R. §§ 261.21(a)(1) and 261.22(a)(1).

Neither Ti-Tech nor Hartman currently operates the facility at the Site, which remains abandoned. Threats to public health or the environment stem from the potential for deteriorating conditions at the abandoned Site, which would create an imminent and substantial threat of a catastrophic release of hazardous substances, or migration of hazardous substances from the Site because of severe weather.

The administrative record supporting this action is available for review at the EPA, Region 9 offices located at 75 Hawthorne Street, San Francisco, California.

V. CONCLUSIONS OF LAW

7. The Site is a “facility” as that term is defined in Section 101(9) of CERCLA, 42 U.S.C. § 9601(9).

8. The Respondents Ti-Tech, the Chens and Hartman are “persons” as that term is defined in Section 101(21) of CERCLA, 42 U.S.C. § 9601(21).

9. Ti-Tech was the operator of the facility at the time of disposal of hazardous substances, and is “liable” within meaning of Section 107(a) of CERCLA, 42 U.S.C. § 9607(a)(2), and is subject to this Order under Section 106(a) of CERCLA, 42 U.S.C. § 9606(a). The Chens maintained substantial control over the hazardous substances and conditions of the Site at the time of disposal of hazardous substances at the Site, and are “liable”

within the meaning of Section 107(a)(2), 42 U.S.C. § 9607(a)(2), and is subject to this Order under Section 106(a) of CERCLA, 42 U.S.C. § 9606(a). Hartman is the owner of the Site, and is "liable" within meaning of Section 107(a) of CERCLA, 42 U.S.C. § 9607(a)(1), and is subject to this Order under Section 106(a) of CERCLA, 42 U.S.C. § 9606(a).

10. Materials identified in the Action Memorandum, including sodium hydroxide, hydrofluoric acid, nitric acid, picric acid, and those sampled materials listed in Tables 1 and 2, are "hazardous substances" as that term is defined in Section 101(14) of CERCLA, 42 U.S.C. § 9601(14). Hazardous substances disposed, leaking or threatening to leak from the abandoned Site constitute a "release," as that term is defined in Section 101(22) of CERCLA, 42 U.S.C. § 9601(22).

11. The actual or threatened release of hazardous substances from the Site constitutes an imminent and substantial endangerment to the public health or welfare or the environment, within the meaning of Section 106(a) of CERCLA, 42 U.S.C. § 9606(a).

VI. DETERMINATIONS

Based on the Findings of Fact and the Conclusions of Law stated herein, the Branch Chief has made the following determinations:

12. That an actual or threatened release of hazardous substances from the Site presents an imminent and substantial endangerment to the public health or welfare or the environment.

13. That conditions at the Site constitute a threat to public health or welfare or the environment based on consideration of the factors stated in the NCP at 40 C.F.R. § 300.415(b), and that the actions required by this Order are necessary to protect the public health or welfare or the environment.

14. That the actions required by this Order, if properly performed, will be consistent with the NCP, and are appropriate to protect the public health or welfare or the environment.

VII. NOTICE TO THE STATE

15. Pursuant to Section 106(a) of CERCLA, 42 U.S.C. § 9606(a), EPA has notified the State of the issuance of this Order by providing a copy of this Order.

VIII. EFFECTIVE DATE

16. This Order is deemed effective on receipt (the "Effective Date"), unless a conference is requested as provided herein. If such a conference is requested, this Order shall be effective the second (2nd) day following the day of such conference unless modified in writing by EPA.

IX. ORDER

17. Based on the Findings of Fact, Conclusions of Law, and Determinations, EPA hereby orders Respondents to perform the specific work set forth below under the direction of the EPA On Scene Coordinator ("OSC"), as designated in Section XIV, and to comply with all requirements of this Order until EPA provides notice that the Response Action is complete.

A. Work to be Performed

18. Respondents shall immediately restrict access to the Site and shall not allow any materials, equipment, or any other item to be removed from the Site without prior EPA approval.

19. Within five (5) days after the Effective Date of this Order, Respondents shall submit to EPA for approval, a Work Plan for the removal of hazardous substances from the Site. The Work Plan shall provide a concise description of the activities to be conducted to comply with the requirements of this Order, and shall include a proposed schedule for implementing and completing such activities. The Work Plan shall comply with the guidelines for preparation

provided in Paragraph 21, below, and at a minimum, shall require the Respondents to perform and complete the following removal activities within twenty-one (21) days after EPA approves the Work Plan Pursuant to Paragraphs 21 and 24 of this Order.

- A) Restrict access by persons or vehicles entering the facility;
- B) Sample and characterize all containerized materials, except those clearly contained in original packaging;
- C) Perform air monitoring and sampling in accordance with Occupational Safety and Health Administration ("OSHA") regulations during all phases of the removal action, especially when there is a potential for airborne releases of toxic air contaminants. Use operational controls such as dust containment or suppression to abate fugitive dust emissions;
- D) Segregate all hazardous substances to ensure incompatible substances pose no threat of violent reaction, fire, or explosion; remove non-hazardous chemicals to the appropriate solid waste disposal facility, recycling facility or return to distributor/manufacturer.
- E) Properly transport and dispose in accordance with all applicable or appropriate regulations, all hazardous substances at the Site or, where feasible, implement alternative treatment or reuse/recycling options. Each transfer of hazardous substances, pollutants or contaminants off-Site must be consistent with Section 121(d)(3) of CERCLA, 42 U.S.C. § 9621(d)(3), and the EPA "Revised Procedures for Implementing off-Site Response Actions," (OSWER Directive 98343.11, November 13, 1987;
- F) Assess the structure for contamination and remove any remaining grossly

contaminated equipment, structures, and debris for proper disposal or other disposition.

- G) Prepare and submit for EPA a Soil Sampling Plan to assess all exposed soils in the back-lot area of the Site for contamination with hazardous substances. The assessment provided in the Soil Sampling Plan shall characterize the zone extending between from the surface and not exceeding three (3) feet below ground surface, except as necessary to characterize the extent of soil contamination to the point at which either the contamination terminates or first groundwater is reached. If soil contamination is impacting groundwater, assessment of groundwater shall be conducted to determine the impact on the local groundwater supply.
- H) Contaminated soil discovered during implementation of the Soil Sampling Plan shall be removed as to prevent contamination of groundwater and migration off-Site via surface water runoff.
- I) Provide EPA with copies of all documentation related to off-Site disposal or other disposition of wastes including, but not limited to, manifests, waste profiles and analytical data and disposal costs;
- J) Notify the EPA OSC at least forty eight (48) hours prior to commencement of any on-Site work or the disposal or other disposition of wastes.

20. Within three (3) days of the Effective Date of this Order, the Respondents shall provide EPA with documentation that adequately demonstrates their financial ability to complete the work to be performed pursuant to this Order. Examples of adequate financial documentation that EPA may accept include, but are not limited to a signed contract or guarantee on the part of

the Respondents' contractor that it will complete the work to be performed , a letter of credit from a financial institution, or an escrow account for the work to be performed.

21. The Work Plan required in Paragraph 19 shall be reviewed by EPA, which may approve, disapprove, require revisions, or modify the Work Plan. Once approved, the Work Plan shall be deemed to be incorporated into and made a fully enforceable part of this Order. The Soil Sampling Plan prepared pursuant to Paragraph 19(G) of this Order may be included in a separate document from the remainder of the Work Plan and provided to EPA for review no later than fourteen (14) days after the Effective Date. The Respondents shall implement all work plans as finally approved by the EPA. In addition to the requirements listed in Paragraph 19, the Work Plan shall include:

- A) A Health & Safety Plan, prepared in accordance with EPA's Superfund Standard Operating Safety Guide, dated June 1992, which complies with all current OSHA regulations applicable to Hazardous Waste Operations and Emergency Response, 29 C.F.R. Part 1910. Respondents shall incorporate all changes to the Health & Safety Plan recommended by EPA and implement the Health & Safety Plan throughout the performance of the removal action; and
- B) A Quality Assurance Project Plan ("QAPP") that is consistent with EPA Guidance for Quality Assurance Project Plans (EPA QA/G-5); Preparation of a U.S. EPA Region 9 Field Sample Plan for EPA-Lead Superfund Projects (Document Control No.: 9QA-05-93); and Guidance for the Data Quality Objectives Process (EPA QA/G-4). The Soil Sampling Plan shall utilize proper soil assessment techniques as defined in EPA Document SW-846, Chapter 9; EPA Environmental Response Team Standard Operating Procedures or appropriate ASTM Standard.

22. Respondents shall provide EPA with a written report on completion of the transportation of hazardous substances or wastes for disposal or recycling. This report should contain a summary of the activities to comply with this Order. Within fifteen (15) days after completing the Response Action, Respondents shall provide EPA with this final summary report, which also shall include all invoices submitted by contractors (which shall identify specific work performed), and copies of all analytical data generated during the response action.

23. All documents, including technical reports, and other correspondence to be submitted by the Respondents pursuant to this Order, shall be sent by over-night mail to the following addressees or to such other addressees as EPA hereafter may designate in writing, and shall be deemed submitted on the date received by EPA.

Rob Wise, Federal On-Scene Coordinator
US Environmental Protection Agency
EPA, Region 9
200 Oceangate, Suite 900
Long Beach, CA 90802

Respondents shall submit two (2) copies of each document to EPA.

24. EPA shall review, comment, and approve or disapprove each plan, report, or other deliverable submitted by Respondents. All EPA comments on draft deliverables shall be incorporated by the Respondents. EPA shall notify the Respondents in writing of EPA's approval or disapproval of a final deliverable. In the event of any disapproval, EPA shall specify the reasons for such disapproval, EPA's required modifications, and a time frame for submission of the revised report, document, or deliverable. If the modified report, document or deliverable is again disapproved by EPA, EPA first shall notify the Respondents of its disapproval of the resubmitted report, document, or deliverable, and then may draft its own report, document or deliverable and incorporate it as part of this Order, may seek penalties from the Respondents for

failing to comply with this Order, and may conduct the remaining work required by this Order and seek to recover costs from Respondents.

25. For purposes of this Order, EPA's authorized representatives shall include, but not be limited to, consultants and contractors hired by EPA to oversee the activities required by this Order.

B. Selection of Contractor(s) and Subcontractor(s)

26. All work performed by or on behalf of Respondents pursuant to this Order shall be performed by qualified individuals or contractors with expertise in hazardous waste site investigation or remediation, unless agreed otherwise by EPA. Respondents shall, within three (3) days after the Effective Date of this Order, notify EPA in writing of the name, title and qualifications of the individual(s) who will be responsible for carrying out the terms of this Order, and the name(s) of any contractor(s) or subcontractor(s). The qualifications of the persons, contractors, and subcontractors undertaking the work for Respondents shall be subject to EPA review and approval.

27. If EPA disapproves of any person's or contractor's technical or work-experience qualifications, EPA will notify the Respondents in writing. Respondents shall, within five (5) working days of Respondents' receipt of EPA's written notice, notify EPA of the identity and qualifications of the replacement(s). Should EPA disapprove of the proposed replacement(s), Respondents shall be deemed to have failed to comply with the Order.

28. Respondents may propose to change the individual(s), contractor(s), or subcontractor(s) retained to direct and supervise the work required by this Order. If Respondents wish to propose such a change, the Respondents shall notify EPA in writing of the name, title, and qualifications of the proposed individual(s), proposed contractor(s), or proposed

subcontractor(s), and such individual(s), contractor(s) or subcontractor(s) shall be subject to approval by EPA in accordance with the terms of Paragraphs 26 and 27, above. The naming of any replacement(s) by Respondents shall not extend any deadlines required by this Order nor relieve the Respondents of any of their obligations to perform the work required by this Order.

29. Respondents will notify EPA of their respective field activities at least twenty-four (24) hours before initiating them so that EPA may adequately schedule oversight tasks.

30. Respondents shall submit to EPA a certification that Respondents or their contractor(s) and subcontractor(s) have adequate insurance coverage or other ability, subject to approval of EPA, to compensate for liabilities for injuries or damages to persons or property that may result from the activities to be conducted by or on behalf of Respondents pursuant to this Order. Adequate insurance shall include comprehensive general liability insurance and automobile insurance with limits of one million dollars, combined single limit. If the Respondents demonstrate by evidence satisfactory to EPA that any contractor or subcontractor maintains insurance equivalent to that described above, or insurance covering the same risks but in a lesser amount, then the Respondents need provide only that portion of the insurance described above that is not maintained by such contractor or subcontractor. Respondents shall ensure that such insurance or indemnification is maintained for the duration of performance of the work required by this Order. Respondents shall ensure that the United States is named as an additional insured on any such insurance policies.

C. General Provisions:

31. All work required by this Order shall be conducted in accordance with: CERCLA; the NCP; EPA Region 9 "Guidance for Preparing Quality Assurance Project Plans for Superfund Remedial Projects" (EPA, November 1992); any final amended or superseding versions of such

documents provided by EPA; other applicable EPA guidance documents; any Work Plan or individual components approved pursuant to Paragraph 21 of this Order; and any report, document or deliverable prepared by EPA because Respondents failed to comply with this Order.

32. All plans, schedules, and other reports that require EPA's approval and are required to be submitted by the Respondents pursuant to this Order shall, after approval by EPA, be incorporated into and enforceable under this Order.

33. EPA will oversee Respondents' activities as specified in Section 104(a)(1) of CERCLA, 42 U.S.C. § 9604(a)(1). Respondents will support EPA's initiation and implementation of activities needed to carry out its oversight responsibilities. Respondents also shall cooperate and coordinate the performance of all work required to be performed under this Order with all other work being performed at the Site, including work performed by EPA, the State, or any other party performing work at the Site with the approval of EPA.

34. Respondents shall undertake all actions required by this Order in accordance with the requirements of all applicable local, state, and federal laws and regulations unless an exemption from such requirements is specifically provided under CERCLA or unless the Respondents obtain a variance or exemption from the appropriate governmental authority.

X. NOTICE OF INTENT TO COMPLY

35. Respondents shall, within one (1) working day of the Effective Date of this Order, provide written notice to EPA of Respondents' irrevocable intent to comply with this Order. Failure to respond, or failure to agree to comply with this Order, shall be deemed a refusal to comply with this Order.

XI. OPPORTUNITY TO CONFER

36. Respondents may, within one (1) day of receipt of this Order, request a conference with the Section Chief of the Emergency Response Section in the Response, Planning and Assessment Branch in the EPA Region 9 Superfund Division, or whomever the Section Chief may designate. If requested, the conference shall occur within three (3) days of the request, unless extended by mutual agreement of the Parties, at EPA's Regional Office, 75 Hawthorne Street, San Francisco, California.

37. At any conference held pursuant to Respondents' request, the Respondents may appear in person, or be represented by an attorney or other representative. If Respondents desire such a conference, the Respondents shall contact Andrew Helmlinger, EPA Attorney Advisor, at (415) 972-3904.

38. The purpose and scope of any such conference held pursuant to this Order shall be limited to issues involving the implementation of the Response Action required by this Order and the extent to which Respondents intend to comply with this Order. If such a conference is held, the Respondents may present any evidence, arguments or comments regarding this Order, its applicability, any factual determinations on which the Order is based, the appropriateness of any action that the Respondents are ordered to take, or any other relevant and material issue. Any such evidence, arguments or comments should be reduced to writing and submitted to EPA within three (3) days following the conference. This conference is not an evidentiary hearing, and does not constitute a proceeding to challenge this Order. It does not give Respondents a right to seek review of this Order, or to seek resolution of potential liability, and no official record of the conference will be made. If no conference is requested, any such evidence, arguments or comments must be submitted in writing within three (3) days following the

Effective Date of this Order. Any such writing should be directed to Andrew Helmlinger, at the following address:

Environmental Protection Agency
75 Hawthorne Street, ORC-3
San Francisco, CA 94105

39. Respondents are hereby placed on notice that EPA will take any action that may be necessary in the opinion of EPA for the protection of public health and welfare and the environment, and Respondents may be liable for the costs of those actions under Section 107(a) of CERCLA, 42 U.S.C. § 9607(a).

XII. ENDANGERMENT AND EMERGENCY RESPONSE

40. In the event of any action or occurrence during the performance of the work that causes or threatens to cause a release of a hazardous substance or that may present an immediate threat to public health or welfare or the environment, Respondents shall immediately take all appropriate action(s) to prevent, abate, or minimize the threat, and shall immediately notify EPA's primary OSC, or, if the primary OSC is unavailable, EPA's alternate OSC, as designated below in Paragraph 46. If neither of these persons is available, Respondents shall notify the EPA Emergency Response Unit, Region 9, by calling (415) 947-4400. Respondents shall take such action(s) in consultation with EPA's OSC and in accordance with all applicable provisions of this Order, including but not limited to the approved Health & Safety Plan.

41. Nothing in the preceding Paragraph shall be deemed to limit any authority of the United States to take, direct, or order all appropriate action to protect human health and the environment or to prevent, abate, or minimize an actual or threatened release of hazardous substances at or from the Site.

XIII. MODIFICATION OF WORK REQUIRED

42. In the event of unanticipated or changed circumstances at the Site, Respondents shall notify the EPA OSC by telephone within twenty-four (24) hours of discovery of the unanticipated or changed circumstances. This verbal notification shall be followed by written notification postmarked no later than within three (3) days of discovery of the unanticipated or changed circumstances.

43. The Branch Chief may determine that in addition to tasks addressed herein, additional work may be required to address the unanticipated or changed circumstances referred to in Paragraphs 40 and 42. Where consistent with Section 106(a) of CERCLA, the Branch Chief may direct, as an amendment to this Order, that Respondents perform these tasks in addition to those required herein. Respondents shall implement the additional tasks that the Branch Chief identifies. The additional work shall be completed according to the standards, specifications, and schedules set forth by the Branch Chief in any modifications to this Order.

XIV. DESIGNATED PROJECT MANAGERS

44. EPA designates Rob Wise, an employee of EPA Region 9, as its primary OSC and designated representative at the Site, who shall have the authorities, duties, and responsibilities vested in the OSC by the NCP. This includes, but is not limited to, the authority to halt, modify, conduct, or direct any tasks required by this Order or undertake the Response Action (or portions of the Response Action) when conditions at the Site present or may present a threat to public health or welfare or the environment as set forth in the NCP. Within three (3) days of the Effective Date of this Order, Respondents shall designate a Project Coordinator who shall be responsible for overseeing Respondents' implementation of this Order. To the maximum extent possible, all oral communications between Respondents and EPA concerning

the activities performed pursuant to this Order shall be directed through EPA's OSC and Respondents' Project Coordinator. All documents, including progress and technical reports, approvals, and other correspondence concerning the activities performed pursuant to the terms and conditions of this Order, shall be delivered in accordance with Paragraph 23, above.

45. EPA and Respondents may change their respective OSC and Project Coordinator. Notification of such a change shall be made by notifying the other party in writing at least five (5) days prior to the change, except in the case of an emergency, in which case notification shall be made orally followed by written notification as soon as possible.

46. Consistent with the provisions of this Order, the EPA designates Pete Guria as an alternate OSC, in the event Rob Wise is not present at the Site or is otherwise unavailable. During such times, Pete Guria shall have the authority vested in the OSC by the NCP, as set forth in Paragraph 44 above.

47. The absence of the EPA OSC from the Site shall not be cause for the stoppage of work. Nothing in this Order shall limit the authority of the EPA OSC under federal law.

XV. SITE ACCESS

48. Respondents shall permit EPA and its authorized representatives, including its contractors and the State, to have access at all times to the Site to monitor any activity conducted pursuant to this Order and to conduct such tests or investigations as EPA deems necessary. Nothing in this Order shall be deemed a limit on EPA's authority under federal law to gain access to the Site.

49. To the extent that Respondents require access to land other than land that they own to carry out the terms of this Order, Respondents shall, within three (3) days of the Effective Date of this Order, obtain access for: EPA, its contractors, oversight officials, or other authorized

representatives; state oversight officials or contractors; and Respondents and their authorized representatives. If Respondents fail to gain access within three (3) days, they shall continue to use best efforts to obtain access until access is granted. For purposes of this Paragraph, "best efforts" include, but are not limited to, the payment of money as consideration for access. If access is not provided within the time referenced above, EPA may obtain access under Sections 104(e) or 106(a) of CERCLA and recover any costs incurred pursuant to Section XVI of this Order.

XVI. REIMBURSEMENT OF OVERSIGHT COSTS

50. Respondents shall reimburse EPA, on written demand, for all response costs incurred by the United States in overseeing Respondents' implementation of the requirements of this Order, unless otherwise exempted from this requirement by federal law. EPA may submit to Respondents on a periodic basis a bill for all response costs incurred by the United States with respect to this Order. Respondents shall, within thirty (30) days of receipt of the bill, remit by cashier's or certified check for the amount of those costs made payable to the "Hazardous Substance Superfund," to the following address:

U.S. Environmental Protection Agency
Attn: David Wood
Region 9, Attn.: Superfund Accounting
P.O. Box 360863M
Pittsburgh, PA 15251

Respondents shall send a cover letter with any check and the letter shall identify the Ti-Tech Site by name and make reference to this Order, including the EPA docket number stated above. Respondents shall send notification of any amount paid, including a photocopy of the check, simultaneously to the EPA OSC.

51. Interest at the rate established under Section 107(a) of CERCLA shall begin to

accrue on the unpaid balance from the due day of the original demand notwithstanding any dispute or objection to any portion of the costs.

XVII. DELAY IN PERFORMANCE

52. Any delay in the performance of any requirement of this Order that, in the EPA's sole judgment and discretion, is not properly justified by Respondents under the terms of this Section shall be considered a violation of this Order. Any delay in performance of any requirement of this Order shall not affect any other obligation of Respondents under the terms and conditions of this Order.

53. Respondents shall notify EPA of any delay or anticipated delay in performing any requirement of this Order. Such notification shall be made by telephone to EPA's primary OSC within twenty-four (24) hours after Respondents first knew or should have known that a delay might occur. The Respondents shall adopt all reasonable measures to avoid or minimize any such delay. Within three (3) days after notifying EPA by telephone, the Respondents shall provide written notification fully describing the nature of the delay, any justification for delay, any reason why the Respondents should not be held strictly accountable for failing to comply with any relevant requirements of this Order, the measures planned and taken to minimize the delay, and a schedule for implementing the measures that will be taken to mitigate the effect of the delay. Increased costs or expenses associated with implementation of the activities called for in this Order are not justifications for any delay in performance.

54. If Respondents are unable to perform any activity or submit any document within the time required under this Order, the Respondents may, prior to the expiration of the time, request an extension of time in writing. The extension request shall include a justification for the delay. The submission of an extension request shall not itself affect or extend the time to

perform any of Respondents' obligations under this Order.

55. If EPA determines that good cause exists for an extension of time, it may grant a request made by Respondents pursuant to Paragraph 54 above, and specify in writing to the Respondents the new schedule for completion of the activity or submission of the document for which the extension was requested.

XVIII. RECORD PRESERVATION

56. Respondents shall maintain, during the pendency of this Order, and for a minimum of five (5) years after EPA provides notice to Respondents that the work has been completed, a depository of the records and documents required to be prepared under this Order. In addition, Respondents shall retain copies of the most recent version of all documents that relate to hazardous substances at the Site and that are in their possession or in the possession of its employees, agents, contractors, or attorneys. After this five-year period, Respondents shall notify EPA at least thirty (30) days before the documents are scheduled to be destroyed. If EPA so requests, Respondents shall provide these documents to EPA.

XIX. ENFORCEMENT AND RESERVATIONS

57. EPA reserves the right to bring an action against Respondents under Section 107 of CERCLA, 42 U.S.C. § 9607, for recovery of any response costs incurred by the United States related to this Order or otherwise incurred at the Site and not reimbursed by Respondents. This reservation shall include but not be limited to past costs, direct costs, indirect costs, the costs of oversight, the costs of compiling the cost documentation to support oversight costs, as well as accrued interest as provided in Section 107(a) of CERCLA, 42 U.S.C. § 9607(a).

58. Notwithstanding any other provision of this Order, at any time during the Response Action, EPA may perform its own studies, complete the Response Action (or any

portion of the Response Action) and seek reimbursement from Respondents for its costs, or seek any other appropriate relief.

59. Nothing in this Order shall preclude EPA from taking any additional enforcement action, including modification of this Order or issuance of additional Orders, or additional remedial or removal actions as EPA may deem necessary, or from requiring Respondents in the future to perform additional activities pursuant to CERCLA, 42 U.S.C. § 9607(a), et seq., or any other applicable law. Respondents may be liable under CERCLA Section 107(a) for the costs of any such additional actions.

60. Notwithstanding any provision of this Order, the United States hereby retains all of its information gathering, inspection and enforcement authorities and rights under CERCLA, the Resource Conservation and Recovery Act, or any other applicable statutes or regulations.

61. Notwithstanding compliance with the terms of this Order, including the completion of the EPA-approved Response Action, Respondents are not released from liability, if any, for any enforcement actions beyond the terms of this Order taken by EPA.

62. EPA reserves the right to take any enforcement action pursuant to CERCLA or any other legal authority, including the right to seek injunctive relief, monetary penalties, reimbursement of response costs, and punitive damages for any violation of law or this Order.

63. EPA expressly reserves all rights and defenses that it may have, including the EPA's right both to disapprove of work performed by Respondents and to request the Respondents to perform tasks in addition to those detailed in Section IX of this Order.

64. This Order does not release Respondents from any claim, cause of action or demand in law or equity, including, but not limited to, any claim, cause of action, or demand that lawfully may be asserted by representatives of the United States or the State.

65. No informal advice, guidance, suggestions, or comments by EPA regarding reports, plans, specifications, schedules, and any other writing submitted by Respondents will be construed as relieving Respondents of their obligation to obtain such formal approval as may be required by this Order.

XX. SEVERABILITY

66. If any provision or authority of this Order or the application of this Order to any circumstance is held by a court to be invalid, the application of such provision to other circumstances and the remainder of this Order shall not be affected thereby, and the remainder of this Order shall remain in force.

XXI. DISCLAIMER

67. The United States, by issuance of this Order, assumes no liability for any injuries or damages to persons or property resulting from acts or omissions by Respondents, or their employees, agents, successors, assigns, contractors, or consultants in carrying out any action or activity pursuant to this Order. Neither EPA nor the United States shall be held as a party to any contract entered into by Respondents, or their employees, agents, successors, assigns, contractors, or consultants in carrying out any action or activity pursuant to this Order. This Order does not constitute a pre-authorization of funds under section 111(a)(2) of CERCLA, 42 U.S.C. § 9611(a)(2).

XXII. PENALTIES FOR NONCOMPLIANCE

68. Respondents are advised pursuant to Section 106(b) of CERCLA, 42 U.S.C. § 9606(b), that violation of this Order or subsequent failure or refusal to comply with this Order, or any portion thereof, may subject Respondents to a civil penalty of up to \$27,500 per day for each day in which such violation occurs, or such failure to comply continues. Failure to comply

with this Order, or any portion thereof, also may subject Respondents to liability for punitive damages in an amount three times the amount of any cost incurred by the government as a result of the failure of Respondents to take proper action, pursuant to Section 107(c)(3) of CERCLA, 42 U.S.C. § 9607(c)(3).

XXIII. TERMINATION AND SATISFACTION

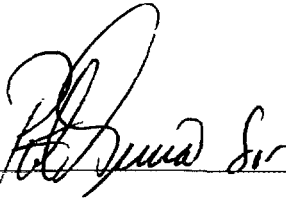
69. The provisions of this Order shall be deemed satisfied on Respondents' receipt of written notice from EPA that Respondents have demonstrated, to the satisfaction of EPA, that all of the terms of this Order, including any additional tasks that EPA has determined to be necessary, have been completed.

Unilateral Administrative Order 9-2003-0010

IT IS SO ORDERED:

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY

By: _____



Date: 16 June 03

Daniel A. Meer
Branch Chief, Response, Planning and Assessment Branch
EPA, Region 9

EPA Region 9 Contacts:

Rob Wise, Federal On-Scene Coordinator
Superfund Division, SFD-9
EPA, Region 9
200 Oceangate, Suite 900
Long Beach, CA 90802
(562) 499-6312

Andrew Helmlinger, Assistant Regional Counsel
Office of Regional Counsel, RC
EPA, Region 9
75 Hawthorne Street
San Francisco, CA 94105
(415) 972-3904

APPENDIX A
Unilateral Administrative Order 9-2003-0010
Ti-Tech International, Inc. et al.

Ti-Tech International, Inc.
c/o Theodore Byrne, Registered Agent
5777 West Century Blvd., #895
Los Angeles, CA 90045

Robert Hartman
5190 Faircrest Lane
Somis, CA 93066-9711

Henry Chen
7 Andalucia
Irvine, CA 92614

Edward Chen
7 Andalucia
Irvine, CA 92614